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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Kenneth J. Hines

Group Art Unit: 2122

Application No. 09/886,479

Filed: June 20, 2001

For: **COORDINATION-CENTRIC FRAMEWORK FOR SOFTWARE DESIGN IN A DISTRIBUTED ENVIRONMENT**

Date: February 27, 2003

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:
COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

ON:

February 27, 2003
Date

Connie English
Signature

Typed Name

TRANSMITTAL LETTER
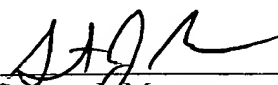
TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- [✓]   Supplemental Information Disclosure Statement
- [✓]   Form PTO-1499, together with copies of cited references
- [✓]   Return receipt postcard

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Kenneth J. Hines

By _____
Steven J. Munson
Registration No. 47,812

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
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Telephone: (503) 224-3380
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Attorney Docket No. 10488/15:1

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Date: February 27, 2003

Examiner:

Group Art Unit: 2122

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

TO THE COMMISSIONER FOR PATENTS:

1. Pursuant to his duty of disclosure, applicant presents for the Examiner's consideration the documents listed on the accompanying Form PTO-1449.

    [✓]   Copies of the documents are enclosed.

    [ ]   Copies (a copy) of document(s) _____ are (is) not enclosed because (1) they are already of record in U.S. Pat. Application No. _____, filed _____, on which this application relies for an earlier filing date under 35 U.S.C. § 120, and (2) any information disclosure statement filed in the prosecution of U.S. Pat. Application No. _____, complies with 37 C.F.R. §§ 1.98(a) and (c). (37 C.F.R. § 1.98(d).)

2. [ ]   Applicant(s) draw(s) the Examiner's attention to the enclosed copy of copending U.S. Pat. Application No. _____, filed _____, for _____, which is cited in this application.

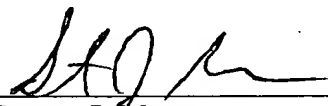3. This information disclosure statement is being submitted:

    a.   [✓]   Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114. (No statement under 37 CFR 1.97(e) is required.)

    b.   [ ]   After the period set forth in paragraph 1a, but before the mailing date of either a final action, a notice of allowance, or an action that otherwise closes prosecution in the application. (Check box i. or ii.)

i.   [ ]   A $180.00 information disclosure statement submission fee set forth in 37 CFR 1.17(p) is enclosed.

ii.   [ ]   A statement specified by 37 CFR 1.97(e) is set forth below.

c.   [ ]   After the mailing date of a final action or notice of allowance and on or before payment of an issue fee. A statement specified by 37 CFR 1.97(e) is set forth below. Enclosed is a $180.00 information disclosure statement processing fee set forth in 37 CFR 1.17(p).

4.   [ ]   The attorney or agent signing below hereby states that:

     [ ]   each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or

     [ ]   no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

5.   [ ]   Applicants set forth below concise explanations of the relevance of each document not in the English language and/or selected documents in the English language.

Respectfully submitted,

Kenneth J. Hines

By _____

Steven J. Munson
Registration No. 47,812

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Attorney Docket No. 10488/15:1

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 10488/15:1	APPLICATION NO. 09/886,479

INFORMATION DISCLOSURE CITATION
(Uses several sheets if necessary)

APPLICANT Kenneth J. Hines	
FILING DATE June 20, 2001	GROUP 2122

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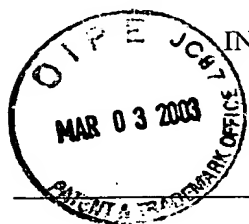
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5 4 2 8 7 8 2	6/27/95	White	395	650	
	AB	5 6 4 2 4 7 8	6/24/97	Chen, et al.	395	183.21	
	AC	5 7 2 4 5 0 8	3/3/98	Harple, Jr. et al.	395	200.04	
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	EP 0 881 568 A2	29.05.1998	Europe	G06F	9/46		
	AM	EP 0 822 484 A2	04.02.1998	Europe	G06F	9/44		
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Ken Hines and Gaetano Borriello, "Debugging Distributed Implementations of Modal Process Systems".
	AS	Pai Chou, Ken Hines, Kurt Partridge and Gaetano Borriello, "Control Generation for Embedded Systems Based on Composition of Modal Processes," pp. 46-53.
	AT	Pai H. Chou and Gaetano Borriello, "Synthesis and Optimization of Coordination Controllers for Distributed Embedded Systems," pp. 410-415.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

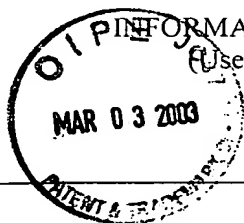| FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 10488/15:1	APPLICATION NO. 09/886,479
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Anderson, Richard J., et al., "Model Checking Large Software Specifications," Department of Computer Science and Engineering, University of Washington (1996 ACM 0-89791-797-9/96/0010), pp. 156-166.
	AS	Christopher B. Borchert, "Organization and Management of Distributed Execution Event Histories For Real-Time Debugging," *IEEE*, pp. 343-345.
	AT	Mariano P. Consens, Masum Z. Hasan, Alberto O. Mendelzon, "Visualizing and Querying Distributed Event Traces with Hy+," *Computer Systems Research Institute, University of Toronto*, June 1994, pp. 123-141.

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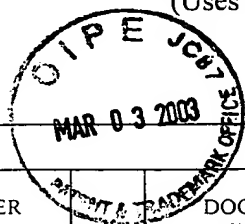(Uses several sheets if necessary)

APPLICANT
Kenneth J. Hines

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	AR	Wentong Cai, Wendy J. Milne and Stephen J. Turner, "Graphical Views of the Behavior of Parallel Programs," *Journal of Parallel and Distributed Computing*, June 18, 1993, No. 2, Orlando, FL, USA, pp. 223-230.
	AS	Jaffe, Matthew S., et al., "Software Requirements Analysis for Real-Time Process-Control Systems," 8198 IEEE Transactions on Software Engineering, 17 (1991) March, No. 3, New York, U.S., pp. 241-257.
	AT	Thomas Kunz, David J. Taylor, and James P. Black, "Poet: Target-System-Independent Visualizations of Complex Distributed Executions, *IEEE*, 1997, pp. 452-461.

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AR	Doug Kimelman and Dror Zernik, "On-the-Fly Topological Sort – A Basis for Interactive Debugging and Live Visualization of Parallel Programs," *8398 ACM Sigplan Notices*, December 28, 1993, No. 12, New York, US, pp. 12-20.
AS	Mikhail Auguston, "Building Program Behavior Models," *Dept. of Computer Science, New Mexico State University*, pp. 19-26.
AT	Stephen Edwards, Luciano Lavagno, Edward A. Lee, et al., "Design of Embedded Systems: Formal Models, Validation, and Synthesis," *Proceedings of the IEEE*, Vol. 85, No. 3, March 1997, pp. 366-389.

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	AR	Pal Chou, Ross Ortega, Ken Hines, et al., "IPChinook: An Integrated IP-based Design Framework for Distributed Embedded Systems," pp. 44-49.
	AS	
	AT	

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